

Applicant : Svetomir N. Markovic  
Serial No. : 09/187,385  
Filed : November 6, 1998  
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Attorney's Docket No.: 07039-119001

No claim amendments are proposed. The following Listing of Claims is included for convenience in reviewing the response.

Listing of Claims

1-29. (Canceled)

30. (Previously Presented) A method for stimulating the immune system of a human patient having a resectable malignant tumor, said method comprising:

- a) determining the natural killer lymphocyte cytotoxicity of said patient to provide a baseline natural killer lymphocyte cytotoxicity;
- b) administering an immunostimulatory dosage of an  $\alpha$ -interferon composition to said patient, wherein said immunostimulatory dosage increases natural killer lymphocyte cytotoxicity at least about 75% above said baseline natural killer lymphocyte cytotoxicity; and
- c) surgically resecting said malignant tumor, wherein said immunostimulatory dosage is administered to said patient for about five days prior to resecting said malignant tumor.

31-35. (Canceled)

36. (Previously Presented) A method for stimulating the immune system of a human patient having a resectable malignant tumor, said method comprising:

- a) determining the natural killer lymphocyte cytotoxicity of said patient to provide a baseline natural killer lymphocyte cytotoxicity;
- b) administering an immunostimulatory dosage of an  $\alpha$ -interferon composition to said patient, wherein said immunostimulatory dosage increases natural killer lymphocyte cytotoxicity at least about 75% above said baseline natural killer lymphocyte cytotoxicity; and
- c) surgically resecting said malignant tumor, wherein said malignant tumor is an early-stage solid tumor.

wherein steps a), b) and c) are performed in sequential order

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37. (Previously Presented) A method for stimulating the immune system of a human patient having a resectable malignant tumor, said method comprising:

- a) determining the natural killer lymphocyte cytotoxicity of said patient to provide a baseline natural killer lymphocyte cytotoxicity;
- b) administering an immunostimulatory dosage of an  $\alpha$ -interferon composition to said patient, wherein said immunostimulatory dosage increases natural killer lymphocyte cytotoxicity at least about 75% above said baseline natural killer lymphocyte cytotoxicity; and
- c) surgically resecting said malignant tumor, wherein said malignant tumor is a melanoma

wherein steps a), b) and c) are performed in  
38-56. (Canceled) sequential order